Certificate of Analysis

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ANALYZED BY:

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MANUFACTURER:

Good Forest Inc
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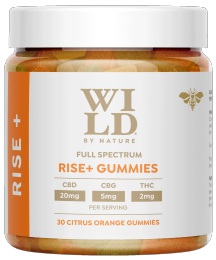

SAMPLE INFORMATION

Sample No.: 1150088
Product Name: Rise Plus
Matrix: Edible (Gummy)
Batch #: 01202023-22-FS1

Date Collected: 02/02/2023
Date Received: 02/06/2023
Date Reported: 03/09/2023

TEST SUMMARY

Cannabinoid Profile:	Tested	**Microbiological Screen:**	Pass
Residual Solvent Screen:	Pass	**Heavy Metal Screen:**	Pass
Foreign Material:	Pass	**Pesticide Screen & Mycotoxins - CO CDPHE:**	Pass
Water Activity:	Pass		

Cannabinoid Profile

02/09/2023

Method: MF-CHEM-15
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection 0.033 mg/g
Limit of Quantification 0.1 mg/g

Cannabinoid	mg/g	%	mg/serving
Δ8-THC	<LOQ	<LOQ	<LOQ
Δ9-THC	0.25	0.025	1.65
Δ9-THCA	ND	ND	ND
THCV	ND	ND	ND
THCVA	ND	ND	ND
CBD	3.06	0.306	20.45
CBDA	ND	ND	ND
CBC	ND	ND	ND
CBCA	ND	ND	ND
CBDV	ND	ND	ND
CBG	0.82	0.082	5.47
CBGA	ND	ND	ND
CBN	ND	ND	ND
Total THC	0.25	0.025	1.65
Total CBD	3.06	0.306	20.45
Total Cannabinoids	4.12	0.412	27.57
Sum of Cannabinoids	4.12	0.412	27.57
Serving Weight (g)	6.684		

Total THC = Δ9-THC + (0.877 * Δ9-THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

Comments This result of this sample is confirmed with a retest.

Microbiological Screen Pass

02/07/2023

Analyte	Method	Findings	Status
Salmonella	AOAC 2016.01	Negative/25g	Pass
STEC	3M MDS STEC	Negative/25g	Pass

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Residual Solvent Screen ✔ Pass

02/08/2023

Method: MF-CHEM-32

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.2/0.5	ND	1	Pass
Acetone	67/200	ND	5000	Pass
Acetonitrile	67/200	ND	410	Pass
Benzene	0.2/0.5	ND	1	Pass
n-Butane	67/200	ND	5000	Pass
Chloroform	0.2/0.5	ND	1	Pass
Ethyl acetate	67/200	ND	5000	Pass
Ethyl ether	67/200	ND	5000	Pass
Ethylene oxide	0.2/0.5	ND	1	Pass
n-Heptane	67/200	ND	5000	Pass
n-Hexane	67/200	ND	290	Pass
Isopropyl alcohol	67/200	ND	5000	Pass
Methanol	67/200	ND	3000	Pass
Methylene chloride	0.2/0.5	ND	1	Pass
n-Pentane	67/200	ND	5000	Pass
Propane	67/200	ND	5000	Pass
Toluene	67/200	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	67/200	ND	2170	Pass
Trichloroethylene	0.2/0.5	ND	1	Pass

Comments Amended CoA

Heavy Metal Screen ✔ Pass

02/08/2023

Method: MF-CHEM-16

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Arsenic	0.02/0.05	ND	1.5	Pass
Cadmium	0.02/0.05	ND	0.5	Pass
Mercury	0.02/0.05	ND	3	Pass
Lead	0.02/0.05	ND	0.5	Pass

Foreign Material ✔ Pass

02/08/2023

Method: MF-MACRO-5

Analyte	Findings	Limit	Status
Sand, Soils, Cinders, and Dirt	ND	25%	Pass
Mold	ND	25%	Pass
Imbedded Foreign Material	ND	25%	Pass
Insect Fragment	ND	1 per 3g	Pass
Hair	ND	1 per 3g	Pass
Mammalian Excreta	ND	1 per 3g	Pass

Pesticide Screen & Mycotoxins - CO CDPHE ✔ Pass

02/08/2023

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD / LOQ (ppm)	ppm	Limit	Status
Acephate	0.006/0.02	ND	0.05	Pass
Acequinocyl	0.009/0.03	ND	0.03*	*
Acetamiprid	0.015/0.05	ND	0.05	Pass
Aflatoxin B1	0.002/0.005	ND	0.005	Pass
Aflatoxin B2	0.002/0.005	ND	0.005	Pass
Aflatoxin G1	0.002/0.005	ND	0.005	Pass
Aflatoxin G2	0.002/0.005	ND	0.005	Pass
Total Aflatoxins	0.008/0.02	ND	0.02	Pass
Aldicarb	0.02/0.06	ND	0.5	Pass
Allethrin	0.03/0.1	ND	0.1	Pass
Atrazine	0.008/0.025	ND	0.025*	*
Avermectin B1a	0.075/0.25	ND	0.25	Pass
Azadirachtin	0.15/0.5	ND	0.5	Pass
Azoxystrobin	0.003/0.01	ND	0.01	Pass
Benzovindiflupyr	0.003/0.01	ND	0.01	Pass
Bifenazate	0.003/0.01	ND	0.01	Pass

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Analyte	LOD / LOQ (ppm)	ppm	Limit	Status
Bifenthrin	0.06/0.2	ND	0.2*	*
Boscalid	0.003/0.01	ND	0.01	Pass
Buprofezin	0.006/0.02	ND	0.02*	*
Carbaryl	0.008/0.025	ND	0.025	Pass
Carbofuran	0.003/0.01	ND	0.01	Pass
Chlorantraniliprole	0.006/0.02	ND	0.02*	*
Chlorfenapyr	0.015/0.05	ND	1.5	Pass
Chlorpyrifos	0.01/0.04	ND	0.5	Pass
Clofentezine	0.003/0.01	ND	0.01	Pass
Clothianidin	0.008/0.025	ND	0.025	Pass
Coumaphos	0.003/0.01	ND	0.01	Pass
Cyantraniliprole	0.003/0.01	ND	0.01	Pass
Cyfluthrin	0.06/0.2	ND	0.2*	*
Cyhalothrin (Lambda)	0.15/0.5	ND	0.5*	*
Cypermethrin	0.09/0.3	ND	0.3*	*
Cyprodinil	0.003/0.01	ND	0.01	Pass
Daminozide	0.03/0.1	ND	0.1*	*
Deltamethrin	0.15/0.5	ND	0.5*	*
Diazinon	0.006/0.02	ND	0.02*	*
Dichlorvos	0.015/0.05	ND	0.05	Pass
Dimethoate	0.003/0.01	ND	0.01	Pass
Dimethomorph	0.015/0.05	ND	0.05*	*
Dinotefuran	0.015/0.05	ND	0.05	Pass
Diuron	0.015/0.05	ND	0.05*	*
Dodemorph	0.015/0.05	ND	0.05*	*
Endosulfan sulfate	0.015/0.05	ND	2.5	Pass
Endosulfan-alpha (I)	0.015/0.05	ND	2.5	Pass
Endosulfan-beta (II)	0.015/0.05	ND	2.5	Pass
Ethoprophos	0.003/0.01	ND	0.01	Pass
Etofenprox	0.015/0.05	ND	0.05*	*
Etoxazole	0.006/0.02	ND	0.02*	*
Etridiazole	0.009/0.03	ND	0.15	Pass
Fenhexamid	0.015/0.05	ND	0.05*	*
Fenoxycarb	0.003/0.01	ND	0.01	Pass
Fenpyroximate	0.01/0.04	ND	0.04*	*
Fensulfothion	0.003/0.01	ND	0.01	Pass
Fenthion	0.003/0.01	ND	0.01	Pass
Fenvalerate	0.03/0.1	ND	0.1*	*
Fipronil	0.003/0.01	ND	0.01	Pass
Flonicamid	0.008/0.025	ND	0.025	Pass
Fludioxonil	0.003/0.01	ND	0.01	Pass
Fluopyram	0.003/0.01	ND	0.01	Pass
Hexythiazox	0.006/0.02	ND	0.02*	*
Imazalil	0.003/0.01	ND	0.01	Pass
Imidacloprid	0.003/0.01	ND	0.01	Pass
Iprodione	0.15/0.5	ND	0.5	Pass
Kinoprene	0.3/1.0	ND	1.25	Pass
Kresoxim-methyl	0.006/0.02	ND	0.15	Pass
Malathion	0.003/0.01	ND	0.01	Pass
Metalaxyl	0.003/0.01	ND	0.01	Pass
Methiocarb	0.003/0.01	ND	0.01	Pass
Methomyl	0.008/0.025	ND	0.025	Pass
Methoprene	0.6/2	ND	2*	*
Methyl parathion	0.015/0.05	ND	0.05*	*
Mevinphos	0.008/0.025	ND	0.025	Pass
MGK-264	0.015/0.05	ND	0.05*	*
Myclobutanil	0.003/0.01	ND	0.01	Pass
Naled	0.015/0.05	ND	0.05*	*
Novaluron	0.008/0.025	ND	0.025	Pass
Ochratoxin A	0.002/0.005	ND	0.005	Pass
Oxamyl	0.015/0.05	ND	1.5	Pass
Paclobutrazol	0.003/0.01	ND	0.01	Pass
Permethrin	0.09/0.3	ND	0.3*	*
Pentachloronitrobenzene	0.006/0.02	ND	0.02*	*
Phenothrin	0.06/0.2	ND	0.2*	*
Phosmet	0.006/0.02	ND	0.02*	*
Piperonyl butoxide	0.015/0.05	ND	1.25	Pass
Pirimicarb	0.003/0.01	ND	0.01	Pass
Prallethrin	0.03/0.1	ND	0.1*	*
Propiconazole	0.015/0.05	ND	0.05*	*

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Analyte	LOD / LOQ (ppm)	ppm	Limit	Status
Propoxur	0.003/0.01	ND	0.01	Pass
Pyraclostrobin	0.003/0.01	ND	0.01	Pass
Pyrethrins	0.09/0.3	ND	0.3*	*
Pyridaben	0.006/0.02	ND	0.02	Pass
Pyriproxyfen	0.006/0.02	ND	0.02*	*
Resmethrin	0.015/0.05	ND	0.05	Pass
Spinetoram	0.003/0.01	ND	0.01	Pass
Spinosad	0.003/0.01	ND	0.01	Pass
Spirodiclofen	0.03/0.1	ND	0.1*	*
Spiromesifen	0.03/0.1	ND	0.1*	*
Spirotetramat	0.003/0.01	ND	0.01	Pass
Spiroxamine	0.015/0.05	ND	0.05*	*
Tebuconazole	0.003/0.01	ND	0.01	Pass
Tebufenozide	0.003/0.01	ND	0.01	Pass
Teflubenzuron	0.008/0.025	ND	0.025	Pass
Tetrachlorvinphos	0.003/0.01	ND	0.01	Pass
Tetramethrin	0.09/0.3	ND	0.3*	*
Thiabendazole	0.006/0.02	ND	0.02*	*
Thiacloprid	0.003/0.01	ND	0.01	Pass
Thiamethoxam	0.003/0.01	ND	0.01	Pass
Thiophanate-methyl	0.015/0.05	ND	0.05*	*
Trifloxystrobin	0.003/0.01	ND	0.01	Pass

Water Activity

02/08/2023

Method: MF 14G051

Instrument: Decagon

Analyte	Findings	Limit	Status
Water Activity	0.69	0.85	Pass

(-) = Not Tested, **ND** = None Detected, **<LOQ** = Below Limit of Quantitation, **LOD** = Limit of Detection

Reported by

Vu Lam
Lab Co Director

Scan to verify

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